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UTILITY
PATENT APPLICATION
TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 22727/04125

First Inventor Chengji Cui et al.

Title ANTIGEN-POLYMER COMPOSITIONS

Express Mail Label No. EL084749833US

Deposited by

Kristin J. Frost

16424 U.S. 611078
07/10/03

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents

ADDRESS TO: Mail Stop PATENT APPLICATION
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

1. Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)

2. Applicant claims small entity status.
See 37 CFR 1.27.

3. Specification [Total Pages 43]
(preferred arrangement set forth below)

- Descriptive title of the invention
- Cross Reference to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to sequence listing, a table, or a computer program listing appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstracts

4. Informal Drawing(s) (35 U.S.C. 113)/Total Pages 1 1

5. Oath or Declaration [Total Pages 4] 4

a. Unexecuted (original or copy)

b. Copy from a prior application (37 CFR 1.63 (d))
(for continuation/divisional with Box 18 completed)

- i. DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b)

6. Application Data Sheet. See 37 CFR 1.76

7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)

8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)

- a. Computer Readable Form (CRF)
- b. Specification Sequence Listing on:
 - i. CD-ROM or CD-R (2 copies); or
 - ii. paper
- c. Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. Assignment Papers (cover sheet & document(s))

10. 37 CFR 3.73(b) Statement Power of Attorney
(when there is an assignee)

11. English Translation Document (if applicable)

12. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Citations

13. Preliminary Amendment

14. Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)

15. Certified Copy of Priority Document(s)
(if foreign priority is claimed)

16. Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i).
Applicant must attach form PTO/SB/35 or its equivalent

17. Other: _____

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

 Continuation Divisional Continuation-in-part (CIP)

of prior application No.:

Prior application information:

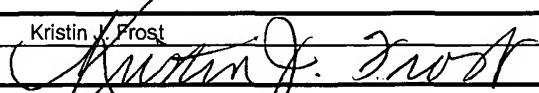
Examiner _____

Group Art Unit: _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

 Customer Number or Bar Code Label		 (Insert Customer No. or Bar Code Label)		 Correspondence address below	
Name	24024				
Address	PATENT TRADEMARK OFFICE				
	Calfee, Halter & Griswold LLP		800 Superior Avenue, Suite 1400		
City	Cleveland	State	Ohio	Zip Code	44114-2688
Country	US	Telephone	(216) 622-8200	Fax	(216) 241-0816

Name (Print/Type)	Kristin J. Frost	Registration No. (Attorney/Agent)	50,627
Signature		Date	July 10, 2003

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FEE TRANSMITTAL for FY 2003

Patent fees are subject to annual revision

TOTAL AMOUNT OF PAYMENT **(\$)** **375.00**

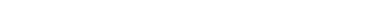
<p style="text-align: center;">FEE TRANSMITTAL</p> <p style="text-align: center;">for FY 2003</p> <p><i>Patent fees are subject to annual revision</i></p>		<p style="text-align: center;">Complete if Known</p> <table border="1"> <tr> <td>Application Number</td> <td>Not yet assigned</td> </tr> <tr> <td>Filing Date</td> <td>Herewith</td> </tr> <tr> <td>First Named Inventor</td> <td>Chengji Cui et al.</td> </tr> <tr> <td>Examiner Name</td> <td>Not yet assigned</td> </tr> <tr> <td>Group Art Unit</td> <td>Not yet assigned</td> </tr> <tr> <td>Attorney Docket No.</td> <td>22727/04125</td> </tr> </table>		Application Number	Not yet assigned	Filing Date	Herewith	First Named Inventor	Chengji Cui et al.	Examiner Name	Not yet assigned	Group Art Unit	Not yet assigned	Attorney Docket No.	22727/04125
Application Number	Not yet assigned														
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First Named Inventor	Chengji Cui et al.														
Examiner Name	Not yet assigned														
Group Art Unit	Not yet assigned														
Attorney Docket No.	22727/04125														
TOTAL AMOUNT OF PAYMENT	(\$) 375.00														

METHOD OF PAYMENT				FEE CALCULATION (continued)			
1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:				3. ADDITIONAL FEES			
Deposit Account Number	03-0172			Fee Code	Large Entity Fee (\$)	Small Entity Fee (\$)	Fee Description
Deposit Account Name	Calfee, Halter & Griswold, LLP			105	130	205	65
<input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17				127	50	227	25
<input checked="" type="checkbox"/> Applicant claims small entity status See 37 CFR 1.27				139	130	139	130
2. <input checked="" type="checkbox"/> Payment Enclosed:				147	2,520	147	2,520
<input checked="" type="checkbox"/> Check <input type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input type="checkbox"/> Other				112	920*	112	920*
FEE CALCULATION							
1. BASIC FILING FEE							
Large Fee Code	Entity Fee (\$)	Small Entity Fee Code	Entity Fee (\$)	Fee Description	Fee Paid		
101	750	201	375	Utility filing fee	375		
106	330	206	165	Design filing fee			
107	520	207	260	Plant filing fee			
108	750	208	375	Reissue filing fee			
114	160	214	80	Provisional filing fee			
SUBTOTAL (1)				\$375			
2. EXTRA CLAIM FEES							
Total Claims	29	Extra Claims	9	Fee from below	81	Fee Paid	
Independent Claims	4	-20**=	9	x 9	= 81		
Multiple Dependent		- 3**=	0	x 42	= 42		
Large Fee Code	Entity Fee (\$)	Small Entity Fee Code	Entity Fee (\$)	Fee Description	Fee Paid		
103	18	203	9	Claims in excess of 20			
102	84	202	42	Independent claims in excess of 3			
104	280	204	140	Multiple dependent claim, if not paid			
109	84	209	42	** Reissue independent claims over original patent			
110	18	210	9	** Reissue claims in excess of 20 and over original patent			
SUBTOTAL (2)				123			
** or number previously paid, if greater; For Reissue, see above				* Reduced by Basic Filing Fee Paid			
				SUBTOTAL (3) (\$)			

**** or number previously paid, if greater; For Reissue, see above**

* Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)

SUBMITTED BY				Complete (if applicable)	
Name (Print/Type)	Kristin J. Frost	Registration No. (Attorney/Agent)	50,627	Telephone	(216) 622-8200
Signature				Date	July 10, 2003

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND FEES TO: Assistant Commissioner for Patents, Washington, DC 20231.

{DXH4001.DOC;1}

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